



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7**

11201 Renner Boulevard
Lenexa, Kansas 66219

28 NOV 2016

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Article No.: 7014 1200 0000 6126 0389

The Honorable Robert Zeh
Mayor
City of Silex
Silex City Hall
310 Cherry Street
Silex, MO 63377

RE: Notice of Violation
Silex Public Water System
PWS ID No. MO6010902

Dear Mayor Zeh:

The Safe Drinking Water Act (SDWA) protects public drinking water supplies throughout the nation. Under the SDWA, the U.S. Environmental Protection Agency sets standards for drinking water quality and, with its state partners, implements various technical and financial programs to ensure drinking water safety.

The following Notice of Violation is issued pursuant to Section 1414(a) of the SDWA, 42 U.S.C. § 300g-3(a), and is a coordinated effort with the Missouri Department of Natural Resources. According to our records and information received from the MDNR, the City of Silex public water system has violated certain provisions of the National Primary Drinking Water Regulations of the SDWA found at 40 Code of Federal Regulations (CFR) Part 141.

If the State has not commenced appropriate enforcement action within thirty (30) days from the date of this notice, or if your system has not returned to compliance, the EPA is authorized either to issue an Administrative Order under Section 1414(g) of the SDWA requiring the public water system to comply, or to commence a civil action under Section 1414(b). Violations of the SDWA and the regulations are subject to penalties of up to \$37,500 per day of violation.



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NOTICE OF VIOLATION

Background Information

1. The Silex PWS is owned and operated by the City of Silex. The Silex PWS is identified as Water System Number MO6010902 (System). Respondent is a "person" as defined by Section 1401 (12) of the SDWA and 40 C.F.R. § 141.2.
2. The System serves a population of at least twenty-five (25) persons daily with piped water for human consumption for a minimum of sixty (60) days per year, and/or has at least fifteen (15) service connections. The Silex PWS is a community water system that serves water year-round and has approximately 100 service connections and serves approximately 200 persons.
3. The System consists of a Ground Water System with three active wells. The System's Average Daily Production quantity is calculated at 30,000 gallons per day.

Findings of Violation

4. 40 C.F.R. § 141.66 establishes the Maximum Contaminant Level for radionuclides. Since at least May 2012, the System has consistently exceeded the maximum contaminant level for Combined Radium -226 &-228 and Gross Alpha Particle Activity.

Please inform the EPA, Region 7, of any change in the compliance status of the System. If you have questions about the above-referenced findings and violations, or if you are interested in receiving technical assistance to help address the findings and/or violations, please contact Mr. Scott Marquess at 913-551-7131.

We trust that you recognize the importance of protecting public drinking water supplies. Thank you for your attention to this matter.

Sincerely,



Karen A. Flourney
Director
Water, Wetlands and Pesticides Division

cc: Lance Dorsey, MDNR Public Drinking Water Branch
Kelly Klover, Silex PWS Operator
Steve Twellman, Silex PWS Administrative Contact